CLAIMS

1. A method for attaching a refrigerator comprising the steps of:

inserting a heat conduction member between a cooling stage of the refrigerator and a refrigerant container of a cooling system for containing a refrigerant gas condensed by the cooling stage, a heat pipe, or a heat shield plate; and

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bringing the cooling stage into thermally contact with the refrigerant container, the heat pipe, or the heat shield plate via a low melting point metal held in the heat conduction member.

- 2. The method for attaching a refrigerator according to claim 1, wherein the heat conduction member is a partition member for partitioning off the cooling stage from the refrigerant container.
- 3. The method for attaching a refrigerator according to claim 1, wherein the heat conduction member is inserted between the cooling stage and the heat pipe.
- 4. The method for attaching a refrigerator according to claim 1, wherein the heat conduction member is inserted between the cooling stage and the heat shield plate.
 - 5. The method according to any one of claims 1 to 4, wherein a temperature of the low melting point metal is controlled to be constant at a melting temperature of the low melting point metal, during the exchange of the refrigerator.

- 6. The method for attaching a refrigerator according to claim 1, wherein the low melting point metal is indium, low melting point solder, or wood metal.
- 7. The method for attaching a refrigerator according to claim 1, wherein the refrigerator is a GM refrigerator or a pulse tube refrigerator.

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- 8. An attachment device of a refrigerator for detachably attaching a cooling stage of the refrigerator to a refrigerant container for containing a refrigerant gas condensed by the cooling stage, to a heat pipe, or to a heat shield plate, the attachment device comprising:
- a heat conduction member inserted between the cooling stage and the refrigerant container, the heat pipe, or the heat shield plate; and
- a low melting point metal held in the heat conduction member, the low melting point metal bringing the cooling stage into thermally contact with the refrigerant container.
 - 9. The attachment device of a refrigerator according to claim 8, wherein a condensing fin is provided in the heat conduction member on a side of the refrigerant container or the heat shield plate.
 - 10. The attachment device of a refrigerator according to claim 8 further comprising:
 - a pipe for connecting a refrigerator attachment sleeve containing the cooling stage, the low melting point metal, and

the heat conduction member to the refrigerant container or the heat shield plate, the pipe having a length enough to allow heat conducted by a pipe wall and a refrigerant gas.

- 11. The attachment device of a refrigerator according to 5 claim 8 further comprising:
 - a heater for heating the heat conduction member; and
 - a temperature sensor for measuring a temperature of the heat conduction member.
- 12. The attachment device of a refrigerator according to

 10 claim 11, wherein the heater and the temperature sensor are

 detachable.
 - 13. The attachment device of a refrigerator according to claim 8 further comprising:

temperature control means for keeping a temperature of
the low melting point metal constant at a melting temperature
of the low melting point metal, during the exchange of the
refrigerator.

- 14. Power equipment comprising:
- a refrigerator attached by the attachment device 20 according to any one of claims 8 to 13.